

As of 5-6-64 this well was converted to a Water Injection Well.

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

1-12-60

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

1-28-60

Electric Logs (No.)

3

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

Seal Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed P. & A. or
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

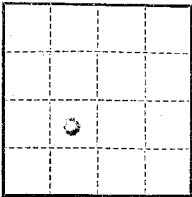
Gas-Oil Ratio Test

Well Log Filed



1-12-60 UOP

(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**UNITED STATES **Contract No. 14-20-503-5440**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Allottee _____
Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Lease No. **192553**
Navajo Tribe "Y" Lease

November 10, 1959

Well No. **2** is located **1980** ft. from **NK** line and **2140** ft. from **EX** line of sec. **4****NE/4 SW/4 Sec. 4**
(¼ Sec. and Sec. No.)**T-41-3**
(Twp.)**R-24-E**
(Range)**SLM**
(Meridian)**Aneth****San Juan****Utah**

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **4475** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE FORMATION

SIZE CASING

CASING PROGRAM (Approx.)

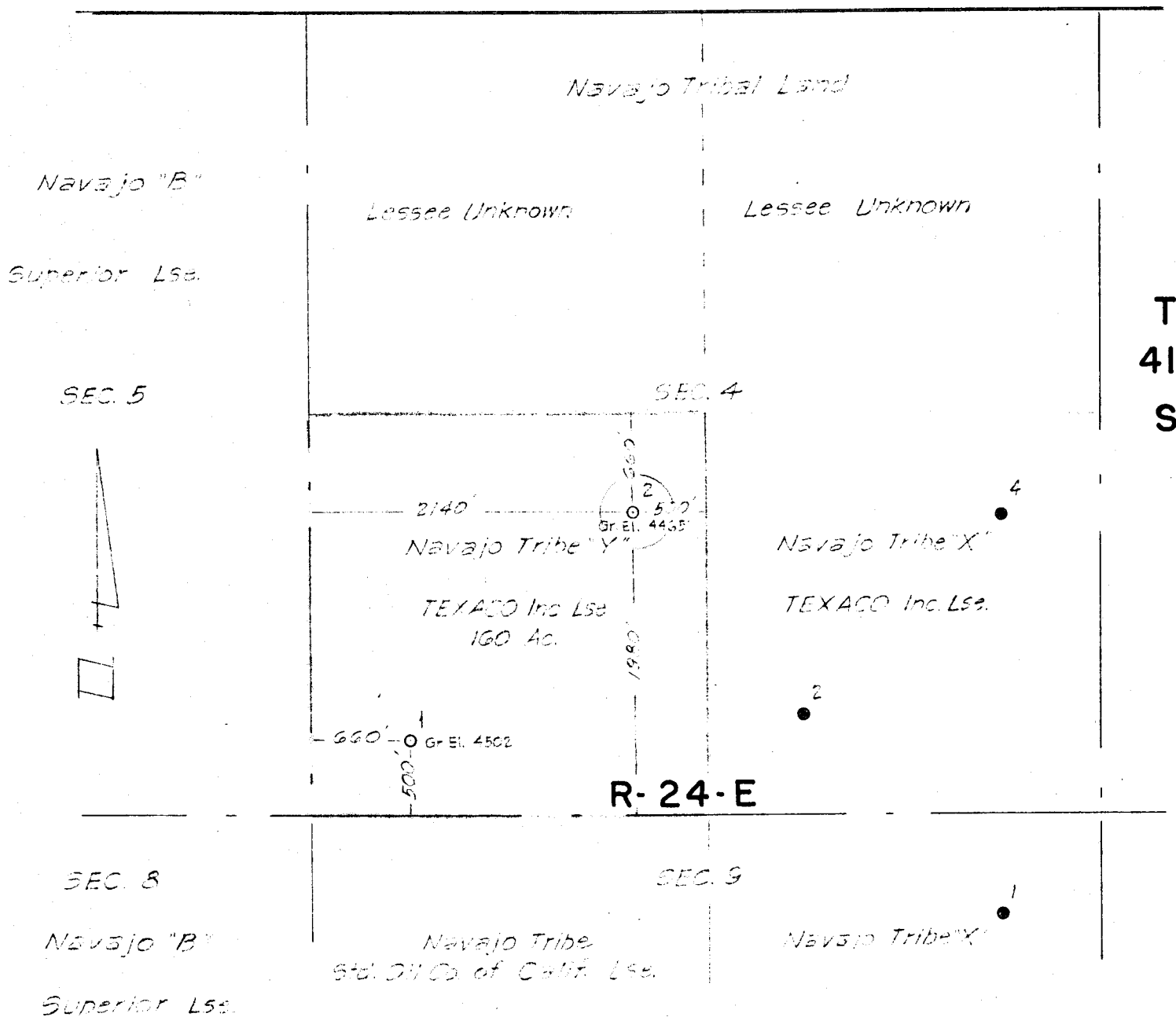
Top of Aneth: 5350'

6-5/8"	{ 1500' }	24	New
5-1/2"	{ 5550' }	14	New

Set at	Cement
1500'	1000 sz.
5550'	500 sz.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXACO Inc.**
P. O. Box 3109
Address **Midland, Texas****TEXACO Inc.**By **J. J. Velten**
Title **Division Civil Engineer**



SAN JUAN COUNTY, UTAH

Scale 1" = 1000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Elter
 Division Civil Engineer - TEXACO Inc.
 Registered Professional Engineer-State of Texas

November 13, 1959

Tenneco, Inc.
P. O. Box 3109
Midland, Texas

Attention: J. J. Velton, Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notices of intention to drill Well No. Navajo Tribe Y - 1, which is to be located 500 feet from the south line and 660 feet from the west line of Section 4, Township 41 South, Range 24 East, S1E4, and Well No. Navajo Tribe Y - 2, which is to be located 1980 feet from the south line and 2140 feet from the west line of Section 4, Township 41 South, Range 24 East, S1E4, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said wells is hereby granted.

This approval terminates within 90 days if the above mentioned wells are not spudded-in within said period.

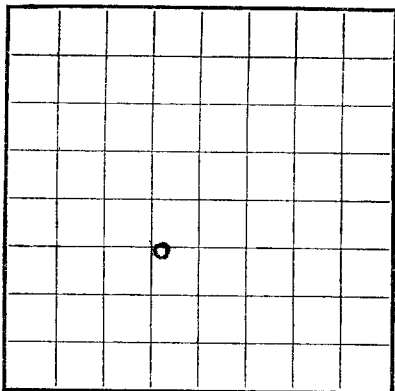
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:cp

cc: Phil McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

U. S. LAND OFFICE **Navajo**
14-603-5446
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address Box 817, Farmington, N. M.
 Lessor or Tract Navajo Tribe Field Ratherford State Utah
 Well No. 2 Sec. 4 T. 41-S R. 24-E Meridian SLM County San Juan
 Location 1980 ft. N. of S. Line and 2140 ft. E. of W. Line of Section 4 Elevation 4475'
 (Derrick floor relative to sea level)
 The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.
 Signed [Signature]
 Date January 28, 1960 Title Dist. Sup't.

The summary on this page is for the condition of the well at above date.

Commenced drilling December 17, 1959 Finished drilling January 6, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5369' to 5433' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	8R	Smith	95	None	None			
8-5/8	24	8R	Smith	1482	Ball	None			
5-1/2	14	8R	Smith	5424	Ball	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	105	125	Halliburton		
8-5/8	1492	900	Halliburton		
5-1/2	5435	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
 Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0 feet to 5435 feet, and from feet to feet

Cable tools were used from None feet to feet, and from feet to feet

DATES

Put to producing Tested Jan 12, 1966

The production for the first 24 hours was 212 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 41.0

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

O. H. Davenport, Driller Price Young, Driller

Freeman Smith, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	105	105	Sand & Surface Rock
105	953	848	Sand & Red Bed
953	2736	1783	Sand & Shale
2736	3030	294	Shale
3030	3417	387	Shale & Anhydrite
3417	3510	93	Shale
3510	3749	239	Shale & Anhydrite
3749	3868	119	Shale
3868	4178	310	Shale & Anhydrite
4178	4852	674	Shale
4852	5435	583	Lime & Shale
Total Depth 5435'			

[OVER]

LOUISIANA RECORD COMPANY

16-43094-4

0361

INFORMATION AND CORRECTIONS ENCLOSURE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CASE NO. 10000

After drilling to 5435' and cementing 5-1/2" casing, cement plug was drilled out from 5368' to 5435'. Perforated 5-1/2" casing from 5425' to 5433' with 4 jet shots per foot. Acidized perforations with 500 gallons of regular 15% acid. Swabbed 20 barrels of load oil, 10 barrels of acid residue and 79 barrels of new oil in 24 hours. Perforated 5-1/2" casing from 5369' to 5373' to 5378' and 5404' to 5414' with 4 jet shots per foot. Blocked off perforations 5425' to 5433' with 100 gallons of Sol-Bloek and acidized upper perforations with 3000 gallons of regular 15% acid. After swabbing load oil, well flowed 159 barrels of oil in 16 hours.

Completed drilling on 10/10/40. The casing on the well is for the completion of the well at 5435' and 5414'. The information given here is a complete and correct record of the well and all work done thereon. Location of well is 2 1/2 miles from and 1/2 mile from the town of ... State of ...

FOCUS ME WELL CORRECTION

LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

NAME OF LAND OR PROPERTY
OWNER'S NAME
U. S. FIELD OFFICE

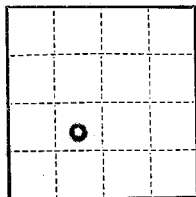
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-5446



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 22, 19 60

Navajo Tribe "Y"

Well No. 2 is located 1980 ft. from S line and 2140 ft. from W line of sec. 4

SW 1/4 of Section 4
(1/4 Sec. and Sec. No.)

41-S
(Twp.)

24-E
(Range)

SLM
(Meridian)

Ratherford
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4476 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded at 1:00 A.M., December 17, 1960.59

Drilled 17-1/4" hole to 105' and cemented 95' of 13-3/8" O.D. casing at 105' with 125 sacks of cement. Cement circulated.

Drilled 11" hole to 1492' and cemented 1482' of 8-5/8" O.D. casing at 1492' with 900 sacks of cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested O.K.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address P. O. Box 817

Farmington, New Mexico

By C. H. McLeod

Title Asst. Dist. Sup't.

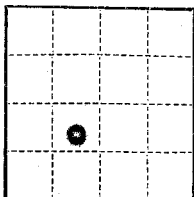
(SUBMIT IN TRIPLICATE)

Indian Agency NavaJo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-5446



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	X
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 26, 1960

NavaJo Tribe "Y"

Well No. 2 is located 1980 ft. from SW line and 2140 ft. from W line of sec. 4

SW 1/4 of Sec. 4

(1/4 Sec. and Sec. No.)

41-S

(Twp.)

24-E

(Range)

SLM

(Meridian)

Rutherford

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4476 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 7-7/8" hole to 5435' and cemented 5424' of 5-1/2" O.D. casing at 5435' with 250 sacks of cement. Top of cement 4700'. Tested casing with 1000# pressure for 30 minutes. Tested O.K.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address P. O. Box 817

Farmington, N. M.

By C. H. McLaughlin

Title Asst. Dist. Sup't.

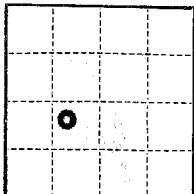
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-5446



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 26, 1960

Navajo Tribe "Y"

Well No. 2 is located 1980 ft. from N line and 2140 ft. from W line of sec. 4

SW $\frac{1}{4}$ of Sec. 4
($\frac{1}{4}$ Sec. and Sec. No.)

41-S
(Twp.)

24-E
(Range)

SLM
(Meridian)

Ratherford
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4476 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5435'.

Perforated 5-1/2" casing from 5425' to 5433' with 4 jet shots per foot. Acidized perforations with 500 gallons of regular 15% acid. Perforated 5-1/2" casing from 5369' to 5373', 5378' to 5384' and 5404' to 5414' with 4 jet shots per foot. Blocked off perforations 5425' to 5433' with 100 gallons of Sal-Block and acidized upper perforations with 3,000 gallons of regular 15% acid.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address Box 817

Farmington, New Mexico

By C. H. McCles

Title Asst. Dist. Sup't.

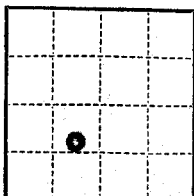
(SUBMIT IN TRIPLICATE)

Indian Agency **NavaJo**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. **14-20-603-5446**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Installation of Pumping Equipment	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 2, 19 **60**

NavaJo Tribe "Y"

Well No. **2** is located **1,980** ft. from **{N}** line and **2,140** ft. from **{E}** line of sec. **4**

SW 1/4 of Sec. 4
(1/4 Sec. and Sec. No.)

41-8
(Twp.)

24-E
(Range)

31M
(Meridian)

Ratherford
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is **4,476** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Completed installing pumping equipment and well commenced pumping 2-25-60. On test ending 5-27-60 pumped 20 barrels of 41° gravity oil in 24 hours. Length of pump stroke 84" with 14 strokes per minute.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXACO Inc.**

Address **Box 817**

Farmington, N.M.

By

C. H. McLeod

Title **ASST. DIST. SUP'T.**



PHILLIPS PETROLEUM COMPANY
P. O. Drawer 1150
Cortez, Colorado

May 11, 1964

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Dear Sirs:

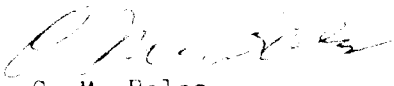
In accordance with Rule E-4 of the Utah General Rules and Regulations, we wish to advise that the following wells located on the Ratherford Unit in San Juan County, Utah, were converted to water injection wells.

Old Well No.	New Well No.	Date Converted	Injection Rate	Injection Pressure
E14-23	E14W23	5-6-64	158 BWPD	2600#
<u>4-23</u>	4W23	5-9-64	230 BWPD	2600#

Details of the above conversions will be furnished on USGS Form No. 9-331b in the near future.

Very truly yours,

PHILLIPS PETROLEUM COMPANY


C. M. Boles
District Superintendent

bh

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 11-20-603-5114
2. NAME OF OPERATOR Phillips Petroleum		6. INDIAN, ALLOTTEE OR TRIBE NAME Tribal Navajo
3. ADDRESS OF OPERATOR P. O. Drawer 1150, Cortez, Colorado		7. UNIT AGREEMENT NAME Rutherford Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980 From South Line, 2140 from West Line, Sec. 4 SW 1/4 Sec. 4		8. FARM OR LEASE NAME 423
14. PERMIT NO.		9. FIELD AND POOL, OR WILDCAT Greater Aneth
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4476 DF		10. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1980 Sec. 4-41S-24E
		11. COUNTY OR PARISH San Juan
		12. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Acidize water injection well with 1000 gallons regular acid, 200 gallons Sol Block, and 2000 gallons regular acid to increase injection rate.

Present Injection Rate: 3 BPD at 2300#.

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Boles TITLE Area Superintendent DATE 6-11-64
C. M. Boles
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SW-1-4192 Ratherford Unit

9. WELL NO.

AW23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4-419-245 SW

12. COUNTY OR PARISH 13. STATE

San Juan Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☒ Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 1150, Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1930 From South Line, 2140 from West Line, Sec. 4
SW/4 Sec. 4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4476 DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☒

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Acidized water injection well with 3000 gallons regular acid to increase injection rate, hooked back up for water injection.

Previous Injection Rate: Injected 3 BW in 24 hrs at 2600%.

Present Injection Rate: Injected 128 BW in 24 hrs at 2700%.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. H. Boles

TITLE

Area Supt.

DATE

6-23-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

SWAT-9192

Rutherford Unit

(Formerly Texaco Nav. Tribe Y#2)

4-23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

4-41S-24E, 81M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ **Water Injection Well**

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
P. O. Drawer 1150, Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SW 1/4 of Sec. 4, 1980' ESL, 2140' FWL, Sec. 4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4476 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved in and rigged up Well Service Company unit. Pulled rods and tubing and laid down. Ran 172 jts. 2" EUE tubing with 1.9" OD Marlex Driscopipe Ser. 7000 Liner and Baker Model A Tension Packer with seal nipples; set packer at 5310.31'. Started hooking up for Water Injection. Started injecting water at 11:00 A.M. 5-9-64. Changed well number from 4-23 to 4-23 effective 5-9-64 and well classification from Oil Well to Water Injection Well due to conversion to Water Injection effective 5-9-64.

Previous Production from Greater Aneth - Paradox Formation of Desert Creek Zone:
7 BOPD, 16 MOPD, 5 BOPD

Present Injection Rate: Injected 230 BW in 24 hours at 2600#.

18. I hereby certify that the foregoing is true and correct

SIGNED

M. Hales

TITLE

Area Superintendent

DATE

6-23-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT TO STATE*
(Other in State, on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-5446
2. NAME OF OPERATOR Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe
3. ADDRESS OF OPERATOR P. O. Drawer 1150, Cortez, Colorado		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980 From South Line, 2140 from West Line, Sec. 4 SW/4 Sec. 4		8. FARM OR LEASE NAME SW-1-4192 4W23 Ratherford Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4476 DF	9. WELL NO. 4W23
		10. FIELD AND POOL, OR WILDCAT Greater Aneth
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4-419-24E SIM
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Acidized water injection well with 3000 gallons regular acid to increase injection rate, hooked back up for water injection.

Previous Injection Rate: Injected 3 BW in 24 hrs at 2800#.

Present Injection Rate: Injected 128 BW in 24 hrs at 2700#.

18. I hereby certify that the foregoing is true and correct

SIGNED C. H. Boles

TITLE Area Supt.

DATE 6-23-64

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT TO STATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

11-20-603-5446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SW-1-4192
Ratharford Unit

9. WELL NO.

(Formerly Texaco Nav. Tribe Y#2)
4423

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

4-419-24E, SIM

12. COUNTY OF

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL
WELL ☐GAS
WELL ☐

OTHER

Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Drawer 1150, Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

SW 1/4 of Sec. 4, 1980' ESL, 2140' FWL, Sec. 4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4476 DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

Convert well to Water Injection

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved in and rigged up Well Service Company unit. Pulled rods and tubing and laid down. Ran 172 jts. 2" EUE tubing with 1.9" OD Marlex Driscopipe Ser. 7000 Liner and Baker Model A Tension Packer with seal nipples; set packer at 5310.31'. Started hooking up for Water Injection. Started injecting water at 11:00 A.M. 5-9-64. Changed well number from 4-23 to 4W23 effective 5-9-64 and well classification from Oil well to Water Injection Well due to conversion to Water Injection effective 5-9-64.

Previous Production from Greater Aneth - Paradox Formation of Desert Creek Zone:
7 BOPD, 16 MCFGPD, 5 BWPD

Present Injection Rate: Injected 230 BW in 24 hours at 2600#.

18. I hereby certify that the foregoing is true and correct

SIGNED

H. H. Bales

TITLE Area Superintendent

DATE 6-23-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT TO BUREAU OF LAND MANAGEMENT
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

11-20-603-5446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

4W23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

4-419-24E S.L.M.

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☒

Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Co. *Refaco*

3. ADDRESS OF OPERATOR

P.O. Drawer 1150, Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1960' FSL; 2140' FWL, SW/4 Sec. 4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4476 DF

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☒

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On October 13, 1966 acidized Desert Creek perforations 5369-5433' OA with 15,000 gallons 28% acid and 1000 gallons gelled water in two stages. Hooked back up and resumed injection.

PREVIOUS INJECTION RATE: 17 BWPD at 2150#.

PRESENT INJECTION RATE: 70 BWPD at 2200#.

18. I hereby certify that the foregoing is true and correct

SIGNED G. M. Boles

TITLE District Superintendent

DATE 12-8-66

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-3446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

4W23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

4-41S-24E S.L.M.

12. COUNTY OR PARISH 13. STATE

San Juan Utah

1.

OIL WELL ☐ GAS WELL ☐ OTHER

Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Co.

3. ADDRESS OF OPERATOR

Drawer 1150, Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1980' FSL; 2140' FWL, SW/4 Sec. 4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4476 DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☒

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In attempt to increase injection rate, acidize water injection well #4W23 with 15,000 gallons 28% acid and return to injection.

Present Injection Rate: 17 BWPD at 2150#.

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Boles

Dist. Sept.

DATE

9-23-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 14-20-403-5446	
2. NAME OF OPERATOR Phillips Petroleum Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P.O. Drawer 1150, Cortez, Colorado 8132		7. UNIT AGREEMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL; 2140' FWL, SW/4 Sec. 4		8. FARM OR LEASE NAME Rutherford Unit	
14. PERMIT NO.		9. WELL NO. 4423	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4476 DF		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4-413-245 S.L.M.	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☒

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On October 13, 1966 acidized Desert Creek perforations 5369-5433' OA with 15,000 gallons 26% acid and 1000 gallons gelled water in two stages. Hooked back up and resumed injection.

PREVIOUS INJECTION RATE: 17 BWPD at 2150'.

PRESENT INJECTION RATE: 70 BWPD at 2200'.

18. I hereby certify that the foregoing is true and correct

SIGNED C. H. Beloe

TITLE District Superintendent

DATE 12-8-66

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
PHILLIPS PETROLEUM COMPANY

CAUSE NO. C-3(B)

ADDRESS P.O. BOX 2920
CASPER, WYOMING ZIP 82602
INDIVIDUAL PARTNERSHIP ☒ CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE 4W23 WELL
SEC. 4 TWP. 41S RANGE 24E
SAN JUAN COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐
LP GAS STORAGE ☐
EXISTING WELL (RULE I-4) ☒

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name Ratherford Unit	Well No. 4W23	Field Greater Aneth	County San Juan
Location of Enhanced Recovery Injection or Disposal Well 4W23 Sec. 4 Twp. 41S Rge. 24E			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile Wingate 1550'	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) Desert Creek Paradox I & II San Juan River	Geologic Name(s) Desert Creek (5567') and Depth of Source(s) San Juan River (Surface)		
Geologic Name of Injection Zone Desert Creek I	Depth of Injection Interval 5369 to 5433		
a. Top of the Perforated Interval: 5369'	b. Base of Fresh Water: 1550'	c. Intervening Thickness (a minus b) 3819	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO See Attachment #4			
Lithology of Intervening Zones See Attachment #1			
Injection Rates and Pressures SD 5/1/76 Maximum _____ B/D PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
Navajo Tribe, Minerals Dept., P.O. Box 146, Window Rock, AZ 86515			
Superior Oil, P.O. Box 4530, The Woodlands, TX 77380			
Texaco Inc., P.O. Box 2100, Denver, CO 80201			
Southland Royalty, 1000 Fort Worth Club Tower, Fort Worth, TX 76102			

State of Wyoming) PHILLIPS PETROLEUM COMPANY

County of Natrona) Applicant

Before me, the undersigned authority, on this day personally appeared A. E. Stuart
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
therein, and that said report is true and correct.

Suscribed and sworn to before me this 21st day of Sept, 19 83

SEAL

DONALD L. HUDSON - Notary Public

My commission expires

County of
Natrona

State of
Wyoming

My Commission Expires Nov. 3, 1984

Notary Public in and for Natrona Co., Wyoming

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13-3/8"	105	125	Surface	Returns
Intermediate	8-5/8"	1492	900	Surface	Returns
Production	5-1/2"	5434	250	4700	Logs
Tubing	2"	5340	Name - Type - Depth of Tubing Packer Baker Model "A" Tension Pkr at 5340.31'		
Total Depth 5435	Geologic Name - Inj. Zone Desert Creek I		Depth - Top of Inj. Interval 5369		Depth - Base of Inj. Interval 5433

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed) 14-20-603-5446

COMPLETION & TEST DATA BY PRODUCING FORMATION
1 2 3

DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO. 43-037-16389
640 Acres
N

COUNTY San Juan SEC. 4 TWP. 41S RGE. 24E
COMPANY OPERATING Phillips Petroleum Company
OFFICE ADDRESS P.O. Box 2920
TOWN Casper STATE WY ZIP 82602
FARM NAME _____ WELL NO. 4W23
DRILLING STARTED 12-17-59 DRILLING FINISHED 1-6-60
DATE OF FIRST PRODUCTION 1-12-60 COMPLETED 2-25-60
WELL LOCATED NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$
1980 FT. FROM SL OF $\frac{1}{4}$ SEC. & 2140 FT. FROM WL OF $\frac{1}{4}$ SEC.
ELEVATION BERRICK/FLOOR 4476 GROUND 4465

W E
S
Locate Well Correctly
and Outline Lease

TYPE COMPLETION

Single Zone X
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Desert Creek I	5369	5433			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13-3/8"	40#	H-40	105	No Test	125	No Rec.	Surface
8-5/8"	24#	J-55	1492	800#	900	No Rec.	Surface
5-1/2"	14#	J-55	5434	1000#	250	No Rec.	4700'

TOTAL DEPTH 5435'

PACKERS SET
DEPTH Baker @ 5340' (Model "A" Tension Pkr)

NOTE THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

FORMATION	Desert Creek I		
SPACING & SPACING ORDER NO.	40 acre Cause #C-3(B)		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	5369-5373		
INTERVALS	5374-5384		
	5404-5414		
	5425-5433		
ACIDIZED?	10/13/66 15000 gal		
	Acid		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Converted to Injector 5/9/64

Date	5/9/64		
Oil, bbl./day	--		
Oil Gravity	--		
Gas, Cu. Ft./day	-- CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	--		
Water-Bbl./day	230		
Pumping or Flowing	Pumping		
CHOKE SIZE	--		
FLOW TUBING PRESSURE	2600		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 307-237-3791

A.E. Stuart, Area Manager

Name and title of representative of company

Subscribed and sworn before me this _____ day of SEP 22, 19 83

Casper

WELL: 4W23
LOCATION: NESW Sec 4-41S-24E
FIELD: GREATER ANETH
RESERVOIR: Desert Creek I

WELL COMPLETION: 5.9.64
PRESENT STATUS: S.I.

RKB 4476'
GL 4465'

105'

SURFACE CASING: 13 3/8" 48#
H-40

INTERMEDIATE CASING: 8 5/8" 24#
J-55

PRODUCTION CASING: 5 1/2" 14#
J-55

1492'

PERFORATIONS:
5369-5373
5374-5384
5404-5414
5425-5433

PACKER: Baker model
"A" TENSION PKR @ 5340.31
TUBING: 2" @ 5340.31

4700'

5340.3

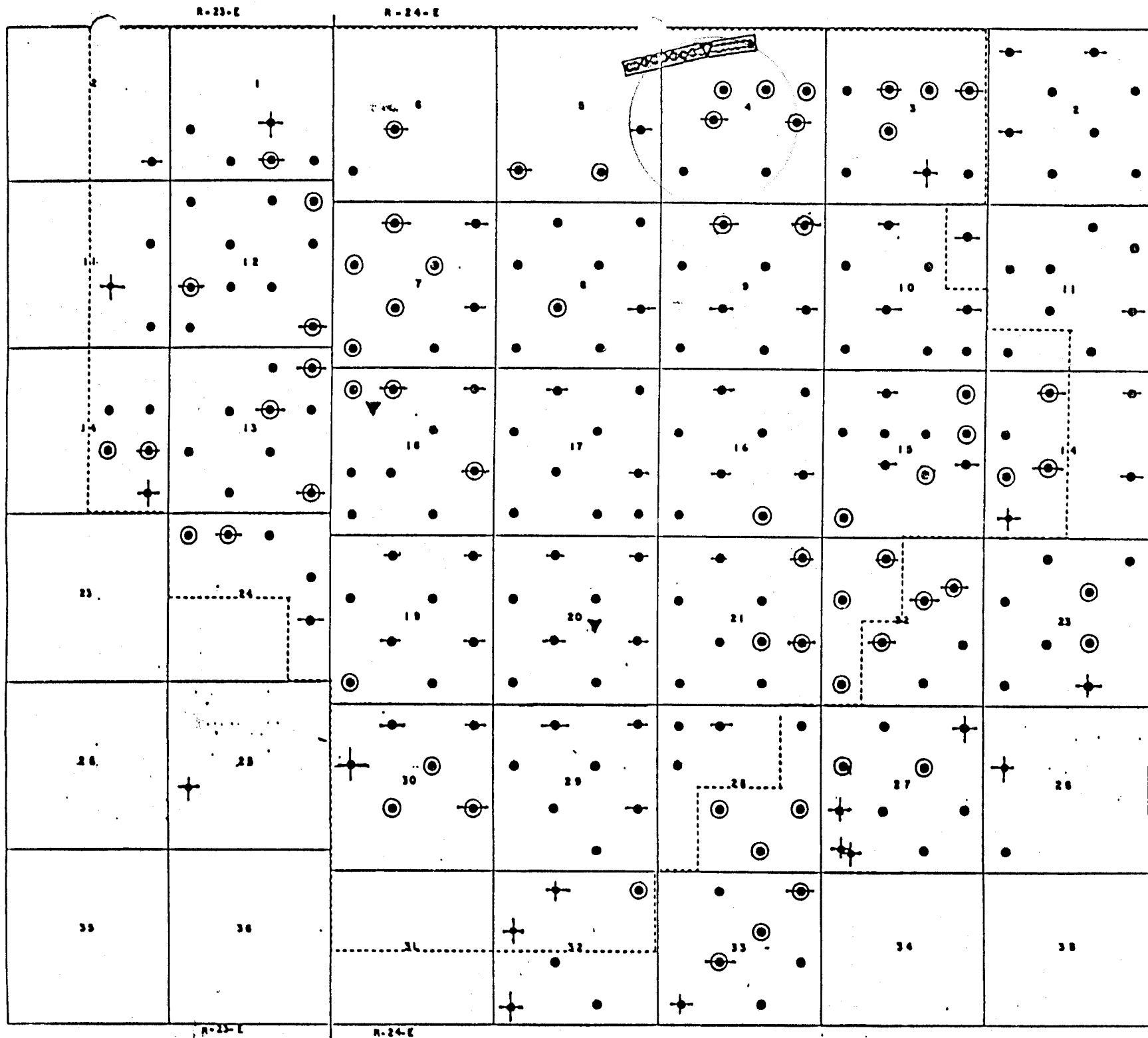
5369'

5433

PBTD: 5435'
OTD: —

5434'

Phillips Petroleum Company



CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

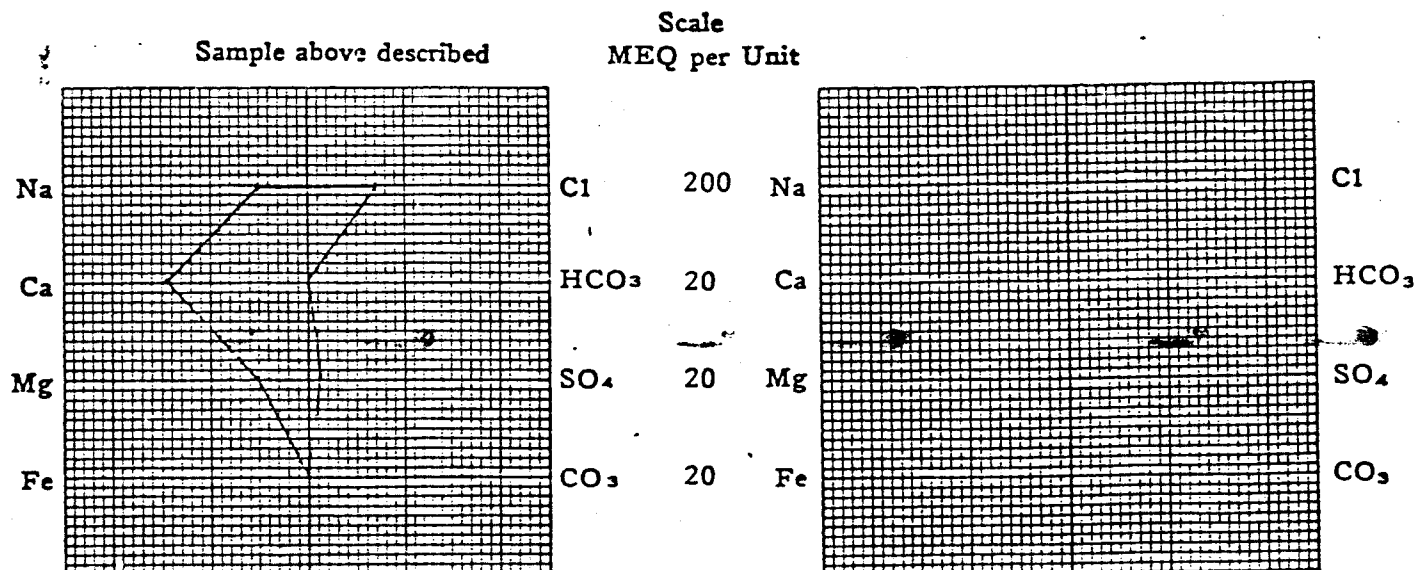
OPERATOR Phillips Petroleum Co. DATE 5-27-83 LAB NO. W30480
 WELL NO. Rutherford Unit LOCATION _____
 FIELD _____ FORMATION _____
 COUNTY San Juan INTERVAL _____
 STATE Utah SAMPLE FROM _____

REMARKS & CONCLUSIONS: Specific gravity @68°F ----- 1.0646
 Oil and grease, mg/l ----- 2.5
 Aluminum (Al), mg/l ----- 0.90
 Iron (Fe), mg/l ----- 0.3
 Total Sulfides, mg/l ----- ND(0.1)

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	24574	1068.99	Sulfate	1190	24.75
Potassium	396	10.14	Chloride	52000	1466.40
Lithium	-	-	Carbonate	0	0.00
Calcium	5982	298.50	Bicarbonate	190	3.12
Magnesium	1419	116.64	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		1494.27	Total Anions		1494.27

Total dissolved solids, mg/l	85655	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	86344	Observed	0.095 ohm-meters
Observed pH	7.4	Calculated	0.086 ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CL1-12A (REV. 1964).

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

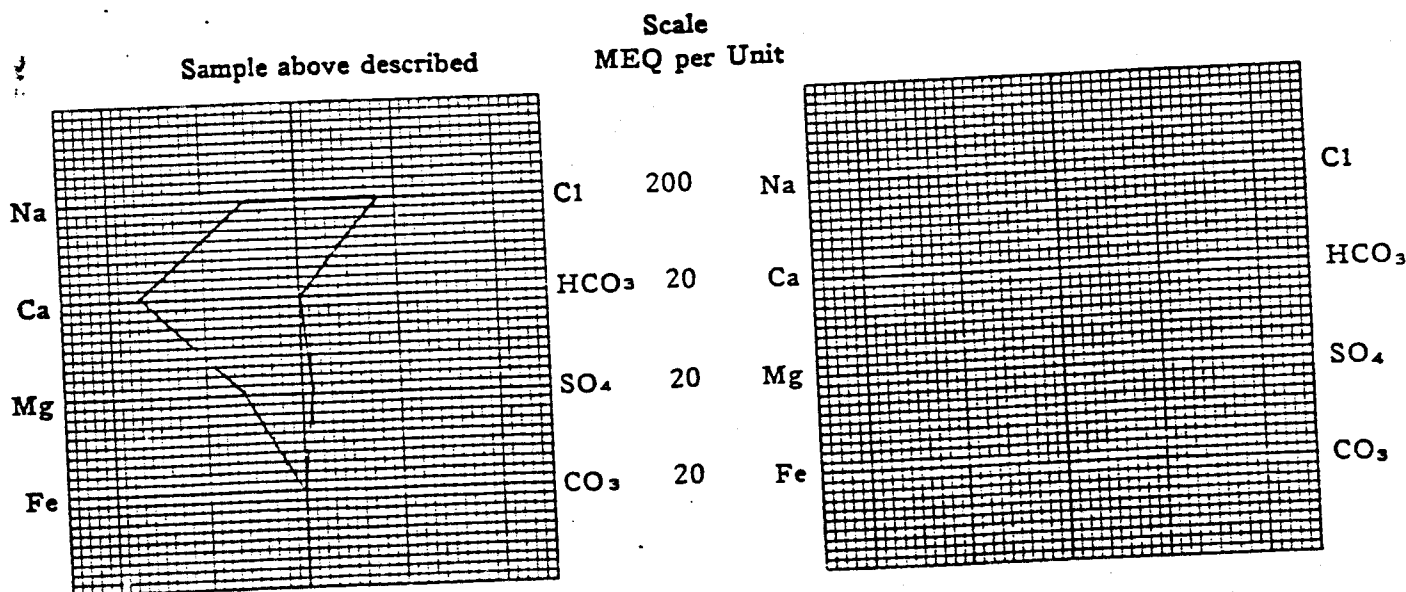
WATER ANALYSIS REPORT

OPERATOR Phillips Petroleum Company DATE 7-22-83 LAB NO. W30636
 WELL NO. Ratherford Unit LOCATION _____
 FIELD _____ FORMATION _____
 COUNTY San Juan INTERVAL _____
 STATE Utah SAMPLE FROM Battery #1 Free water knockout
(7-5-83) @ 10:35
S/N 28568

REMARKS & CONCLUSIONS:

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	30147	1311.38	Sulfate	1380	28.70
Potassium	429	10.98	Chloride	63000	1776.60
Lithium	--	--	Carbonate	0	0.00
Calcium	6865	342.56	Bicarbonate	151	2.48
Magnesium	1738	124.86	Hydroxide	--	--
Iron	--	--	Hydrogen sulfide	--	--
Total Cations		1807.78	Total Anions		1807.78
Total dissolved solids, mg/l		103633	Specific resistance @ 68°F.:		
NaCl equivalent, mg/l		104549	Observed	0.087	ohm-meters
Observed pH		7.3	Calculated	0.078	ohm-meters

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Phillips Well No. Ratherford Unit 4W23
 County: San Juan T 41S R 24E Sec. 4 API# 43-037-16389
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Desert Creek</u>	

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>86455</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>103,633</u>

Known USDW in area	<u>Manzano</u>	Depth <u>1550</u>
Number of wells in area of review	<u>6</u>	Prd. <u>4</u> P&A <u>0</u>
		Water <u>0</u> Inj. <u>2</u>

Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date	Type

Comments: To c 4700

Reviewed by: B7

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on re-
turn 240)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Water Injection Well		2. LEASE IDENTIFICATION AND SERIAL NO. 14-20-603-5446	
3. NAME OF OPERATOR Phillips Oil Company		4. IF NAME, ALIASES OR TRADE NAME Navajo	
5. ADDRESS OF OPERATOR P. O. Box 2920, Casper, WY 82602		7. WELL IDENTIFICATION NAME SW-I-4192	
6. LOCATION OF WELL (Report location clearly and in accordance with BLM standards. See also space 17 below.) At surface 1980' FSL, 2140' FWL		8. NAME OF LEASE NAME Ratherford Unit	
14. PERMIT NO. 43-037-16389		9. WELL NO. #4W23	
15. ELEVATIONS (Show whether SP, ST, or SL) 4476' RKB GAS & MINING		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC. T. R. S. OR B.L. AND SECTION OR AREA Sec. 4-T41S-R24E	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PCLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Return to Injection		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)			

It is proposed to return Ratherford Unit #4W23 to Zone I Injection, after performing minor surface equipment repairs.

- 5-BLM, Farmington, NM
- 2- Utah O&G CC, Salt Lake City, Utah
- 1- P. J. Adamson
- 1- B. Conner, 318 B-TRW
- 1- J. R. Weichbrodt
- 1- C. M. Anderson
- 1- File RC

18. I hereby certify that the foregoing is true and correct		
SIGNED <u>A. E. Stuart</u>	TITLE <u>Area Manager</u>	DATE <u>July 5, 1985</u>
(This space for Federal or State office use)		
APPROVED BY <u>Ellen B. Houghton</u>	TITLE <u>VIC Manager</u>	DATE <u>7/11/85</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: Phillips Petroleum

FIELD: Greater Aneth

LEASE: Ratherford

WELL # 4W23

SEC. 4 TOWNSHIP 41S RANGE 24E

STATE (FED.) FEE DEPTH 5435 TYPE WELL INJW MAX. INJ. PRESS. _____

SI 5/11/76
TEST DATE 6/17/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13 7/8</u>	<u>105</u>	<u>125</u>		<u>SZ</u>	
<u>INTERMEDIATE</u>	<u>8 5/8</u>	<u>1492</u>	<u>900</u>			
<u>PRODUCTION</u>	<u>5 1/2</u>	<u>5434</u>	<u>250</u>			
<u>TUBING</u>	<u>2"</u>	<u>5340</u>	<u>Model A Parker</u>			

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

BUREAU OF LAND MANAGEMENT

14-20-603-5446

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT ASSIGNMENT NAME SW-I-4192	
3. ADDRESS OF OPERATOR P. O. Box 2920 Casper, WY 82602		8. FARM OR LEASE NAME Ratherford Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL, 2140' FWL		9. WELL NO. 4W23	
		10. FIELD AND POOL, OR WILDCAT Greather Aneth	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 4-T41S-R24E	
14. PERMIT NO. 43-037-16389	15. ELEVATIONS (Show whether SF, ST, GR, etc.) 4476' RKB	12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attachment for well data, justification and proposed operation to plug and abandon well rather than returning to Zone I injection, as was earlier intended.

A 10' x 8' x 6' fenced pit will be constructed on location in a previously disturbed area. Upon completion of the workover, the pit will be dried and recovered.

- 5- BLM, Farmington, NM
- 2- Utah O&G CC, Salt Lake City, Utah
- 1- P.J. Adamson
- 1- M. Williamson 302 TRW
- 1- J. R. Reno
- 1- Z. G. Sondelski
- 1- B. J. Murphy
- 1- File RC

RECEIVED
AUG 11 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

D.C. Gill
D. C. Gill

TITLE

Area Manager

DATE

August 8, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-12-86

BY: *R. B. B.*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RATHERFORD UNIT WELL #4W23

Item 17

Well Data:

13-3/8" 48# csg @ 105' w/125 sx cmt
8-5/8" 24# csg @ 1492' w/900 sx cmt
5-1/2" 14# csg @ 5435' w/250 sx cmt

Perfs @ 5369-5373, 5378-5384, 5404-5414, 5425-5433

Formation Tops: Dechelly @ 2480'
 Hermosa @ 4400'
 Desert Creek @ 5363'

TD: 5435'

JUSTIFICATION:

The well does not have economical use as an injection well and has no recompletion or stimulation potential. Earlier Sundry Notice dated July 5, 1986, was to return well to injection, which now will not be done.

PROPOSED OPERATION

- 1) Sqz perfs w/75 sx cmt. TOC @ 5190'.
- 2) Spot 25 sx cmt in 5-1/2" csg from 4550' to 4300' across Hermosa.
- 3) Perf 5-1/2" csg @ 2660'.
- 4) Pump 120 sx cmt to provide 280' balanced plug in annulus and 5-1/2" csg from 2660' to 2380' to isolate the Dechelly fm.
- 5) Perf 5-1/2" csg @ 1540'.
- 6) Pump 50 sx cmt to provide 150' balanced plug in annulus and in 5-1/2" csg from 1540' to 1390' to provide a plug across 8-5/8" surf csg shoe.
- 7) Pump 25 sx cmt plug in annulus and 8-5/8" csg to provide 100' plug to surface.
- 8) Install P&A marker, unless surface owner requests otherwise, and rehab surface.
- 9) Will use mud-laden fluid between all cmt plugs.

RECEIVED
AUG 11 1986

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Expires August 31, 1985

1. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5446

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

102810

3. FIRST AGREEMENT NAME

SW-I-4192

4. FARM OR LEASE NAME

Ratherford Unit

5. WELL NO.

4W23

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., OR S.E. AND
SUBST. OR AREA

Sec. 4-T41S-R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Wtr Inj (P&A)

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 2920, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 1980' FSL & 2140' FWL, NE SW

API #43-037-16389

14. PERMIT NO.

15. ELEVATIONS (Show whether SF, HT, CR, etc.)

RKB 4476'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

September 12, 1986 through September 19, 1986 -

MI WS Unit 9/12/86. Run bit & scraper, CO fill to 5423'. Set 5-1/2" Shur-Drill Cmt Retainer at 5187'. Pump 105 sx Class B Cmt below retainer. Spot 25 sx Class B Cmt Plug from 4548-4300'. Perforate 2657-2660' & 1537-1540'. Set 5-1/2" Cmt Retainer at 2357'. Spot 125 sx Class B Cmt Plug from 2660-2357' inside and outside csg. Spot 450 sx Class B Cmt Plug from 1540' to surface inside and outside csg. Cut-off 5-1/2" and 8-5/8" casings 5' below GL. Welded 3/8" plate on 8-5/8" csg. Installed permanent marker. Well Plugged & Abandoned 9/19/86.

RECEIVED
OCT 20 1986

DIVISION OF
OIL, GAS & MINING

4-BLM, Farmington, NM
2-Utah O&G CC, SLC, UT
1-M. Williams, B'Ville
1-J. Landrum, Denver
1-J. Reno, Cortez

1-Chieftain
1-Mobil Oil
1-Texaco, Inc.
1-Chevron USA
1-File RC

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. GILL

TITLE

Area Manager

DATE October 16, 1986

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-21-86

BY:

*See Instructions on Reverse Side